

**Erasmus Mundus Action 2 – Strand 1/ Lot L11**

**PROJECT SUMMARY SHEET**

Project title		It's Time for Collaboration Towards Close Cooperation	
Ref	545732	Name of organisation	Country
Applicant		Frederick University	Cyprus
Co-coordinator		United International University	Bangladesh
<b>Partners:</b>			
<p>Technische Universität Dortmund, Germany                  University of Patras, Greece                  University of Limerick, Ireland                  Politecnico di Milano, Italy                  Politechnika Wroclawska / Wrocław University of Technology, Poland                  City University London, United Kingdom                  Faculty of Eng., Kabul University, Afghanistan                  Bangladesh University of Engineering &amp; Technology, Bangladesh                  Brac University, Bangladesh                  United International University, Bangladesh                  Royal University of Bhutan, Bhutan                  Southeast University, China                  University of Delhi, India                  Institut Teknologi Bandung, Indonesia                  University Malaya, Malaysia                  Kathmandu University, Nepal                  Mehran University of Engineering &amp; Technology, Pakistan                  National University of Sciences And Technology, Pakistan                  Bangkok University, Thailand</p>			
	Countries targeted	Asia West - Group A: Afghanistan, Bhutan, Nepal, Pakistan, Bangladesh Group B: Sri Lanka, India, Indonesia, Malaysia, Maldives, Philippines, Thailand, China, North Korea	
	Amount requested (EUR)	€ 2.967.700	
Legal Representative  (e.g. Rector)	Full name	Michael Frederickou	
	Official address	Y. Frederickou Str., Pallouriotisa, 7 1306 - Nicosia	
	Tel/fax	+35722431355 /+35722438234	
	E-mail	info@frederick.ac.cy	
Project contact person e.g. project co-ordinator	Full name	Christos Themistos	
	Postal address	Y. Frederickou Str., Pallouriotisa, 7 1306 - Nicosia	

	Tel/fax	+35722431355 Ext.46110 / +35722438234
	E-mail	c.themistos@cytanet.com.cy
	<p><b>Brief description:</b></p> <p>The recent rapid advances of electronics and computing built on the foundation of previous technological achievements in the field have led to the growth emerging technologies of global importance, such as nanotechnology, biotechnology, e-health, internet and mobile communications. ICT (Information and Communications Technologies) is the most vibrant and rapidly evolving technological domain and in order to allow for the next generation of systems, there is a need to exploit through funded research projects the enormous potential of the emerging technologies which are expected to dominate the field in the future. In order to bring these topics to the attention of today's students, under the requirement for high adaptability of higher education to the above fast technological developments it is essential that the teaching activities in our Universities must be underpinned by the skills and expertise from internationally established research teams. The uneven technological and economic development between the developed and the developing world needs to be bridged by mutual cooperation for better understanding of the people across the political boundaries, targeting the sustainable development of third countries in the field, but at the same time preventing brain drain from those countries, thus maintaining global peace and harmony. The main objective of this proposed project is thus to provide through the mobility between South Asia to Europe a high quality international experience for outstanding early career and established researchers, aiming the widening of existing knowledge on electronics and computing. Even sectors like power management or renewable energy has wide application of communications and electronics in maintaining an energy efficient smart grid system, and therefore, a key feature will be the engagement of the energy and environment sectors in the project implementation.</p>	

## Mobility flow:

Type of Mobility	Outgoing		Third country	Incoming			Total	Distribution per mobility type
	Europeans			Third country nationals				
	Target Group 1	Target Group 2		Target Group 1	Target Group 2	Target Group 3		
Undergraduates	9		<i>BD: 11 PK: 8 NP: 5 BT: 4 AF: 2  TH: 4 MY: 4 ID: 2</i>	26		5	40	23.53 %
Masters	6		<i>BD: 7 PK: 6 NP: 4 BT: 2 AF: 3  IN: 3 CH: 3 TH: 3 MY: 1 ID: 1</i>	23	1	3	33	19.41%
Doctorates	8		<i>BD: 8 PK: 6 NP: 3 BT: 1 AF: 2  IN: 5 CH: 4 TH: 3 MY: 3 ID: 2</i>	22	7		37	21.77 %
Post-doctorates	5		<i>BD: 3 PK: 3 NP: 2 BT: 1  IN: 3 CN: 3</i>	5	5		15	8.82 %
Staff	20		<i>BD: 7 PK: 7 NP: 3 BT: 3 AF: 1  IN: 6 CH: 6 TH: 5 MY: 3 ID: 4</i>	25			45	26.47 %
<b>TOTAL</b>	<b>48</b>			<b>101</b>	<b>13</b>	<b>8</b>	<b>170</b>	<b>100 %</b>

<b>Third country</b>	<b>Undergraduates</b>	<b>Masters</b>	<b>Doctorates</b>	<b>Post-doctorates</b>	<b>Staff</b>	<b>TOTAL</b>
Bangladesh	8	6	6	3	4	27
Pakistan	6	5	4	3	4	22
Nepal	5	3	3		2	13
Bhutan	4	2	0		2	8
Afghanistan	2	3	2		1	8
India	0	2	4	2	3	11
China	0	2	3	2	3	10
Malaysia	2	2	2		2	8
Thailand	2	1	3		2	8
Indonesia	2	1	2		2	7
<b>TOTAL</b>	<b><u>31</u></b>	<b><u>27</u></b>	<b><u>29</u></b>	<b><u>10</u></b>	<b><u>25</u></b>	<b><u>122</u></b>